| Ref<br># | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--------------------|---------------------|---------|------------------|
| S1       | 29   | ("20020094821" "20030083008" "20<br>030162550" "20030190919" "20030<br>220075" "20040043775" "20040147<br>221" "4783744" "5317323" "546528<br>9" "5506863" "5600706" "5870029"<br> "5973643" "6144711" "6188351" "<br>6212319" "6295455" "6311043" "63<br>34059" "6470195" "6477161" "6501<br>955" "6553322" "6782264" "683423<br>4" "6839539" "6845240" "6922170"<br>).PN.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:37 |
| S2       | 701  | 455/404.2.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:38 |
| S3       | 451  | 455/440.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:39 |
| S4       | 717  | 455/456.5.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:39 |
| S5       | 613  | 455/456.6.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:41 |
| S6       | 586  | 455/524.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:42 |
| S7       | 1745 | 455/561.ccls.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 12:42 |
| \$8      | 29   | (US-20040147221-\$ or US-20040043775-\$ or US-20030220075-\$ or US-20030190919-\$ or US-20030162550-\$ or US-20030083008-\$ or US-20020094821-\$).did. or (US-6922170-\$ or US-6845240-\$ or US-6839539-\$ or US-6470195-\$ or US-6834234-\$ or US-6782264-\$ or US-6553322-\$ or US-6501955-\$ or US-6477161-\$ or US-6311043-\$ or US-6334059-\$ or US-6311043-\$ or US-6295455-\$ or US-6212319-\$ or US-5506863-\$ or US-6144711-\$ or US-5973643-\$ or US-5870029-\$ or US-5600706-\$ or US-5465289-\$ or US-5317323-\$ or US-4783744-\$). did. | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 13:23 |
| S9       | 4436 | S2 S3 S4 S5 S6 S7 S8   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 13:23 |
| S10      | 82   | S9 and spars\$3  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/02/06 13:32 |

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|-----|-------|---|--|-------|----|------------------|
| S11 | 2370  | S9 and (wls ((position location geolocation geo\$1location) with (sens\$3 measur\$5 estimat\$3 calculat\$3 determin\$3)))   | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 13:35 |
| S12 | 1315  | S9 and ((wls ((position location geolocation geo\$1location) with (sens\$3 measur\$5 estimat\$3 calculat\$3 determin\$3))) same (((base home cell) near2 (station tower)) (node)) ) | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 13:39 |
| S13 | 178   | S12 and (tdos aoa gcs mpc wls)  | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 13:44 |
| S14 | 36    | S13 and sensor  | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 13:48 |
| S16 | 1     | "5327144".pn.   | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 14:35 |
| S17 | 92    | S11 and (sens\$3 with (base adj2 station))  | US-PGPUB;<br>USPAT   | OR    | ON | 2008/02/06 14:35 |
| S19 | 17162 | location adj surface  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2008/02/07 08:56 |
| S20 | 2     | S19 and eotd  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2008/02/07 08:57 |
| S21 | 32    | S19 and (timing adj advance)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2008/02/07 08:57 |
| S22 | 1284  | (abis with monitor\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR    | ON | 2008/02/07 13:12 |

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|-----|---|--------------------|--|-------------|---------------|------------------|
| S23 | 5 | S22 and eotd       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:12 |
| S24 | 2 | "6,782,264".pn.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:14 |
| S25 | 2 | "20020039940".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:15 |
| S26 | 0 | "200200309940".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:15 |
| S27 | 0 | "2002/0039940".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR .        | ON            | 2008/02/07 13:15 |
| S28 | 0 | "2002/0039940"     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:15 |
| S29 | 2 | "20020039940"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON            | 2008/02/07 13:15 |

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|-----|---------------|---|--|---------------|----|------------------|
| S30 | 2             | "20020039904"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR            | ON | 2008/02/07 13:16 |
| 531 | 0             | S30 and eotd  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR            | ON | 2008/02/07 13:29 |
| S32 | 18            | 455/456.5.ccls. and eotd  | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/07 13:31 |
| S33 | 1             | S32 and abis  | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/07 13:31 |
| S34 | 79            | 455/456.1.ccls. and eotd  | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/07 13:32 |
| S35 | 8             | S34 and abis  | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/07 13:32 |
| S36 | 29            | wireless adj location adj sensor  | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/08 09:29 |
| S37 | . 27          | ("20010027110" "20020094821" "20<br>030008663" "20030190919" "20040<br>043775" "4783744" "5317323" "546<br>5289" "5506863" "5870029" "61447<br>11" "6188351" "6212319" "6246336<br>" "6295455" "6311043" "6334059" "<br>6470195" "6477161" "6501955" "65<br>53322" "6782264" "6834234" "6839<br>539" "6845240" "6922170" "695215<br>8").PN. | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/08 09:53 |
| S38 | 9             | ("20020160791" "20050136945" "20<br>050192026" "20050215233" "20060<br>030333" "5736962" "6134316" "633<br>0452" "6463290").PN.   | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/08 09:53 |
| S39 | 714           | sparse with network   | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/08 10:57 |
| S40 | 8             | S39 and (wls lmu)   | US-PGPUB;<br>USPAT   | OR            | ON | 2008/02/08 10:57 |

| S41 | 34   | (US-20040147221-\$ or US-20040043775-\$ or US-20030220075-\$ or US-20030190919-\$ or US-20030162550-\$ or US-20030083008-\$ or US-20020094821-\$ or US-20020039904-\$ or US-20020039904-\$ or US-20020128020-\$ or US-20060105776-\$).did. or (US-6922170-\$ or US-6845240-\$ or US-6839539-\$ or US-6470195-\$ or US-6834234-\$ or US-6782264-\$ or US-6553322-\$ or US-6782264-\$ or US-6553322-\$ or US-6501955-\$ or US-6477161-\$ or US-6188351-\$ or US-6334059-\$ or US-6311043-\$ or US-6295455-\$ or US-6212319-\$ or US-5506863-\$ or US-6144711-\$ or US-5973643-\$ or US-6144711-\$ or US-5973643-\$ or US-5870029-\$ or US-5600706-\$ or US-5870029-\$ or US-5317323-\$ or US-4783744-\$ or US-6529165-\$).did. | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 12:43 |
|-----|------|--|--|----|----|------------------|
| S43 | 18   | S41 and (altitude elevat\$3 mountain hill building)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/08 12:44 |
| S44 | 17   | elevation with (wls lmu)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 12:57 |
| S45 | 73   | satellite with (wls lmu)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 12:59 |
| S46 | 1    | roof with (wls lmu)  | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:07 |
| S47 | 13   | tower with (wls lmu)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:08 |
| S48 | 4796 | high\$3 with (wls lmu)   | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:10 |
| S49 | 994  | S48 and location   | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:11 |
| S50 | 89   | S49 and antenna  | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:11 |
| S51 | 738  | place\$4 with (wls lmu)  | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:15 |
| S52 | 89   | S50 and antenna  | US-PGPUB;<br>USPAT   | OR | ON | 2008/02/08 13:15 |

| S53 | 49   | S51 and antenna   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:16 |
|-----|------|---|--------------------|-----|----|------------------|
| S54 | 310  | (plane aircraft) with (wls lmu)   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:22 |
| S55 | 18   | S54 and antenna   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:23 |
| S56 | 6    | S54 and (base adj2 station)   | US-PGPUB;<br>USPAT | OR. | ON | 2008/02/08 13:23 |
| S57 | 5    | ((no adj location) (dead adj (zone<br>area location position))) and ((wls<br>lmu) same (altitude elevation roof<br>mountain building hill tower))                                       | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:29 |
| S58 | 4    | ((no adj location) (dead adj (zone<br>area location position))) same<br>(altitude elevation roof mountain<br>building hill tower) and (wls lmu)   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:31 |
| S59 | 4    | (((no adj location) (dead adj (zone<br>area location position))) same<br>(altitude elevation roof mountain<br>building hill tower)) and (wls lmu)                                       | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:31 |
| S60 | 60   | (((no adj location) (dead adj (zone<br>area location position))) and<br>(altitude elevation roof mountain<br>building hill tower)) and (wls lmu)  | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:32 |
| S61 | . 56 | S60 not S59   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:32 |
| S62 | 5    | ((no adj location) (dead adj (zone area location position spot))) and ((wls lmu) same (altitude elevation roof mountain building hill tower))   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:35 |
| S63 | 15   | (high adj2 altitude) and (no adj2 location)   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:40 |
| S64 | 5    | (airplane) with (wls lmu)   | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:43 |
| S65 | 14   | ("20040029558" "20040203926" "53<br>17323" "5327144" "5608410" "5608<br>410" "6047192" "6169497" "620481<br>2" "6347228" "6407703" "6567044"<br> "6782264" "6861982" "7102570").<br>PN. | US-PGPUB;<br>USPAT | OR  | ON | 2008/02/08 13:49 |

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|-----|-----|--|--|-------------|----|------------------|
| S66 | 36  | (US-20040147221-\$ or US-20040043775-\$ or US-20030220075-\$ or US-20030190919-\$ or US-20030162550-\$ or US-20030083008-\$ or US-20020094821-\$ or US-20020039904-\$ or US-20020128020-\$ or US-20020128020-\$ or US-20040008138-\$).did. or (US-6922170-\$ or US-6845240-\$ or US-6839539-\$ or US-6470195-\$ or US-6834234-\$ or US-6782264-\$ or US-6553322-\$ or US-6782264-\$ or US-657161-\$ or US-6188351-\$ or US-6334059-\$ or US-6311043-\$ or US-6334059-\$ or US-6311043-\$ or US-6395455-\$ or US-6212319-\$ or US-5506863-\$ or US-6144711-\$ or US-5973643-\$ or US-5465289-\$ or US-5317323-\$ or US-4783744-\$ or US-6529165-\$).did.  | US-PGPUB;<br>USPAT   | OR          | ON | 2008/02/11 08:01 |
| S67 | 0   | S66 and roof   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2008/02/11 08:01 |
| S68 | . 0 | S66 and (top with building)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2008/02/11 08:02 |
| S69 |     | S66 and (outside with building)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2008/02/11 08:02 |
| S70 | 10  | S66 and (building)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON | 2008/02/11 08:02 |

| S71 | 3 | S66 and (abis)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/11 08:46 |
|-----|---|---|--|----|----|------------------|
| S72 | 7 | S66 and (propagation with (range distance area))    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/11 09:45 |
| S73 | 0 | S66 and ((multipath multi\$1path) with (signature)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/02/11 10:45 |